

NCS DATA DUMP PROCEDURE

1. VERIFY TIME CONSTRAINTS FOR A DATA DUMP

NOTE

Determine if the Dump requires a continuous uplink session or can be done with ZOE's. Verify if the selected communications path supports performing the dump in a reasonable amount of time.

2. BUILDING A DATA DUMP COMMAND

If you want to select an already saved data dump command go to step 3.

DNAV

Command Inventory: Data Dump Preparation

Data Dump Preparation

input OpsName (Required if you want to save the command in command inventory)

sel Source Device

Choose device from the list.

Optional

If you want to perform a dump of the NCS diagnostic buffer collection list buffer, sel Diagnostic Dump.

input Start Address

Enter the starting address for the dump.

input Word Count

Enter the size of the data dump.

If the data dump is from DRAM

√Memory Type - DRAM

If the data dump is from EEPROM

√Memory Type - EEPROM

Optional

If you want to receive the data only once

sel One-Shot Delivery

Optional

input Priority - (None, High, Urgent, Critical)

input Uplink after: (time to uplink data load after)

input Uplink by: (time to perform uplink by)

input Remarks: (Remarks to FMT Manager)

input Save Dump to File

Select path/filename to save data dump to.

sel Select Dump File

Navigate to the directory you want to save the dump file to and select the filename.

sel Submit to FMT

Go to step 5.

- DNAV 3. SELECTING AN USER BUILT DATA DUMP REQUEST
Command Inventory: Data Dump Command Inventory
Data Dump Command Inventory

Select the data dump command to uplink.

sel Uplink

- DVIS 4. COORDINATION WITH THE FMT MANAGER
Call ODIN on the FMT DVIS loop to coordinate the downlink request. ODIN will perform the data dump.

- CDDT 5. VIEWING THE DUMP STATUS
Node 1: C&DH: Primary(Secondary) MDM
NODE 1:C&DH:MDM:Primary(Secondary)

√Frame Count - <incrementing>
MDM is operational

√Dump Pipe - <open>

- DNAV Downlink Manager
Downlink FMT Manager

√FMT Dump Status - 100% complete